



Docket No.: 42P6139CD

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

CARAPELLA, ET AL.

Application No.: 10/657,415

Filed: September 8, 2003

For: **Methods of Split Cavity Wall Plating for
an Integrated Circuit Package (As
Amended)**

Art Group: 2726

Examiner: Unassigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

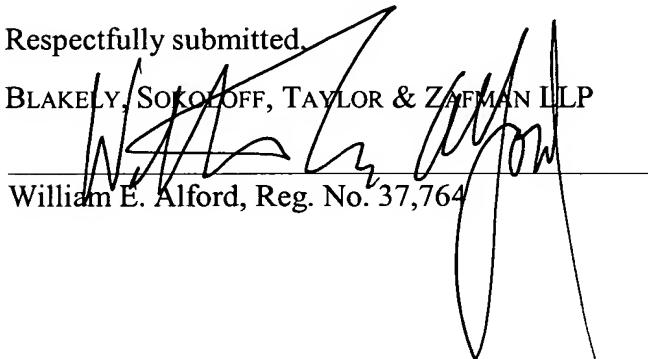
In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s). Some or all of the references listed on the enclosed PTO/SB/08 were previously identified in the parent application (Application No. 09/665,034, filed September 19, 2000) and copies of the references were furnished at that time. Accordingly, per 37 CFR §1.98(d)(1) additional copies of those references are not submitted herewith.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Date: April 29, 2004

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP


William E. Alford, Reg. No. 37,764

12400 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90025
Telephone: (714) 557-3800

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Susan McFarlane 04-29-04
Susan McFarlane Date



MAY 03 2004

Substitute for form 1449A/PTC

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2	Examiner Name	Unassigned
				Attorney Docket Number	42P6139CD

U.S. PATENT DOCUMENT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-4,223,321	09-16-1980	Doyle	
		US-4,682,270	07-21-1987	Whitehead, et al.	
		US-4,891,687	01-02-1990	Mallik, et al.	
		US-5,089,878	02-18-1992	Lee	
		US-5,206,986	05-04-1993	Arai, et al.	
		US-5,218,515	06-08-1993	Bernhardt	
		US-5,488,257	01-30-1996	Bhattacharyya, et al.	
		US-5,491,632	02-13-1996	Hamzehdoost, et al.	
		US-5,491,632	02-13-1996	Pawlak, et al.	
		US-5,557,502	09-17-1996	Banerjee, et al.	
		US-5,625,166	08-29-1997	Natarajan	
		US-5,726,860	03-10-1998	Mozdzen	
		US-5,777,265	07-07-1998	Bhattacharyya, et al.	
		US-5,787,575	08-04-1998	Banerjee, et al.	
		US-5,801,450	09-01-1998	Barrow	
		US-5,858,816	01-12-1999	Sato, et al.	
		US-5,877,553	03-02-1999	Nakayama, et al.	
		US-5,880,529	03-09-1999	Barrow	
		US-6,008,532	12-28-1999	Carichner	
		US-6,014,809	01-18-2000	Sebesta	

FOREIGN PATENT DOCUMENT

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2000

Send To: Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1451

Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/657,415
				Filing Date	September 8, 2003
				First Named Inventor	Carapella, et al.
				Art Unit	2726
				Examiner Name	Unassigned
				Attorney Docket Number	42P6139CD
Sheet	2	of	2		

Examiner Signature	Date Considered
-----------------------	--------------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application No.	10/657,415
		Filing Date	September 8, 2003
		First Named Inventor	Carapella, et al.
		Art Unit	2726
		Examiner Name	Unassigned
Total Number of Pages in This Submission	8	Attorney Docket Number	42P6139CD

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input checked="" type="checkbox"/> Information Disclosure Statement <input checked="" type="checkbox"/> PTO/SB/08	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	William E. Alford, Reg. No. 37,764 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	April 29, 2004

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Typed or printed name	Susan McFarlane		
Signature		Date	April 29, 2004



MAY 03 2004

FEET TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\\$)

Complete if Known	
Application Number	10/657,415
Filing Date	September 8, 2003
First Named Inventor	Carapella, et al.
Examiner Name	Unassigned
Art Unit	2726
Attorney Docket No.	42P6139CD

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1001	770	2001	385	Utility filing fee
1002	340	2002	170	Design filing fee
1003	530	2003	265	Plant filing fee
1004	770	2004	385	Reissue filing fee
1005	160	2005	80	Provisional filing fee
SUBTOTAL (1)		(\\$)		

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
<input type="text"/>	- 20** = <input type="text"/>	X <input type="text"/>	= <input type="text"/>
<input type="text"/>	- 3 = <input type="text"/>	X <input type="text"/>	= <input type="text"/>
Independent Claims			
Multiple Dependent			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple Dependent claim, if not paid
1204	86	2204	43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\\$)		

*or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet.
2053	130	2053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1804	920 *	1804	920 * Requesting publication of SIR prior to Examiner action
1805	1,840 *	1805	1,840 * Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	420	2252	210 Extension for reply within second month
1253	950	2253	475 Extension for reply within third month
1254	1,480	2254	740 Extension for reply within fourth month
1255	1,210	2255	605 Extension for reply within fifth month
1404	330	2401	165 Notice of Appeal
1402	330	2402	165 Filing a brief in support of an appeal
1403	290	2403	145 Request for oral hearing
1451	1,510	2451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive - unavoidable
1453	1,330	2453	665 Petition to revive - unintentional
1501	1,330	2501	665 Utility issue fee (or reissue)
1502	480	2502	240 Design issue fee
1503	640	2503	320 Plant issue fee
1460	130	2460	130 Petitions to the Commissioner
1807	50	1807	50 Processing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	770	1809	385 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	770	2810	385 For each additional invention to be examined (37 CFR § 1.129(b))
1801	770	2801	385 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application
Other fee (specify)		(\\$)	

* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\\$)

SUBMITTED BY

Name (Print/Type)	William E. Alford	Registration No. (Attorney/Agent)	37,764	Telephone	(714) 557-3800	Complete (if applicable)
Signature				Date		04/29/04

Based on PTO/SB/17 (10-03) as modified by Blakely, Sokoloff, Taylor & Zafman (wir) 02/10/2004.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450